

1 **51542/SDB/B600** - BP3393

ABSTRACT OF THE DISCLOSURE

5 A communication system having a transmitter transmits an
information signal over a communication media and a receiver
coupled to the communication media receives the transmitted
information signal. The receiver includes a continuous time
filter having an adjustable bandwidth for linearly equalizing
the transmitted information signal as a function of the
10 adjustable bandwidth. A decision feedback equalizer coupled
to the continuous time filter then reduces inter-symbol
interference in the filtered information signal.

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